

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: Neuroimaging studies of connectivity in ASD	\$330,130	Q2.Other	Yale University
Brain circuitry in simplex autism	\$187,500	Q2.Other	Washington University in St. Louis
Neural mechanisms underlying an extended multisensory temporal binding window in ASD	\$28,000	Q2.Other	Vanderbilt University
Electrical measures of functional cortical connectivity in autism	\$0	Q2.Other	University of Washington
Defining the dynamics of the default network with direct brain recordings and functional MRI	\$149,942	Q2.Other	University of Washington
The neural basis of early action perception	\$95,040	Q2.Other	University of Washington
Synaptic processing in the basal ganglia	\$382,323	Q2.Other	University of Washington
Multimodal brain imaging in autism spectrum disorders	\$167,832	Q2.Other	University of Washington
Neuroimaging of social perception	\$245,265	Q2.Other	University of Virginia
Cerebellar anatomic and functional connectivity in autism spectrum disorders	\$246,178	Q2.Other	University of Texas at Austin
Neurodevelopmental mechanisms of social behavior	\$515,840	Q2.Other	University of Southern California
Neural basis for the production and perception of prosody	\$80,190	Q2.Other	University of Southern California
Cognitive control of emotion in autism	\$101,034	Q2.Other	University of Pittsburgh
ACE Center: Systems connectivity + brain activation: Imaging studies of language + perception	\$439,282	Q2.Other	University of Pittsburgh
The neural correlates of transient and sustained executive control in children with autism spectrum disorder	\$57,246	Q2.Other	University of Missouri
The neural basis of sexually dimorphic brain function	\$343,502	Q2.S.B	University of Massachusetts Amherst
The neural substrates of social interactions	\$27,327	Q2.Other	University of Iowa
Neurobiological mechanisms of insistence on sameness in autism	\$28,000	Q2.Other	University of Illinois at Chicago
Neural synchrony dysfunction of gamma oscillations in autism	\$265,595	Q2.Other	University of Colorado Denver
fMRI studies of neural dysfunction in autistic toddlers	\$582,409	Q2.Other	University of California, San Diego
ACE Center: Imaging the autistic brain before it knows it has autism	\$206,070	Q2.Other	University of California, San Diego
Neurocognitive mechanisms underlying children's theory of mind development	\$77,250	Q2.Other	University of California, San Diego
A combined fMRI-TMS study on the role of the mirror neuron system in social cognition: Moving beyond correlational evidence	\$0	Q2.Other	University of California, Los Angeles
Neural basis of socially driven attention in children with autism	\$0	Q2.Other	University of California, Los Angeles
ACE Center: Mirror neuron and reward circuitry in autism	\$305,987	Q2.Other	University of California, Los Angeles
fMRI study of reward responsiveness of children with autism spectrum disorder	\$49,846	Q2.Other	University of California, Los Angeles

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Language and social communication in autism	\$3,039	Q2.Other	University of California, Los Angeles
Cognitive control in autism	\$149,754	Q2.Other	University of California, Davis
Synchronous activity in networks of electrically coupled cortical interneurons	\$24,981	Q2.Other	University of California, Davis
Behavioral and functional neuroimaging investigations of visual perception and cognition in autistics	\$127,168	Q2.Other	Universit� de Montr�al
Testing the effects of cortical disconnection in non-human primates	\$75,000	Q2.Other	The Salk Institute for Biological Studies
A developmental social neuroscience approach to perception-action relations	\$144,259	Q2.Other	Temple University
Social behavior deficits in autism: Role of amygdala	\$79,438	Q2.Other	State University of New York Upstate Medical Center
Investigation of cortical folding complexity in children with autism, their autism-discordant siblings, and controls	\$100,000	Q2.Other	Stanford University
Structural and functional connectivity of large-scale brain networks in autism spectrum disorders	\$165,629	Q2.Other	Stanford University
Structural brain differences between autistic and typically-developing siblings	\$12,333	Q2.Other	Stanford University
Neural correlates of maturation of face processing	\$156,354	Q2.Other	Stanford University
Face perception: Mapping psychological spaces to neural responses	\$119,998	Q2.Other	Stanford University
MRI: Acquisition of a high-density electrophysiology laboratory for intercollegiate research and training in cognitive neuroscience	\$137,003	Q2.Other	Scripps College
Social and affective components of communication	\$150,119	Q2.Other	Salk Institute For Biological Studies
The brain genomics superstruct project	\$150,000	Q2.S.G	President & Fellows of Harvard College
Connectivity of anterior cingulate cortex networks in autism	\$128,739	Q2.Other	New York University School of Medicine
The integration of interneurons into cortical microcircuits	\$150,000	Q2.Other	New York University School of Medicine
Morphological decomposition in derived word recognition: Single trial correlational MEG studies of morphology down to the roots	\$204,301	Q2.Other	New York University
Neural bases of semantic interpretation	\$100,013	Q2.Other	New York University
Development of brain connectivity in autism	\$262,100	Q2.Other	New York School of Medicine
Functional anatomy of face processing in the primate brain	\$1,877,600	Q2.Other	National Institutes of Health
The cognitive neuroscience of autism spectrum disorders	\$1,121,429	Q2.Other	National Institutes of Health
Are neuronal defects in the cerebral cortex linked to autism?	\$28,334	Q2.Other	Memorial Sloan-Kettering Cancer Center

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Neural substrate of language and social cognition: Autism and typical development	\$50,474	Q2.Other	Massachusetts Institute of Technology
Neural mechanisms for social cognition in autism spectrum disorders	\$223,233	Q2.Other	Massachusetts Institute of Technology
The neural basis of social cognition	\$305,233	Q2.Other	Indiana University
Using genetically modified mice to explore the neuronal network involved in social recognition	\$60,000	Q2.Other	Haifa University
Neuroimaging of top-down control and bottom-up processes in childhood ASD	\$390,562	Q2.Other	Georgetown University
White matter structural deficits in high functioning children with autism	\$848	Q2.Other	Feinstein Institute For Medical Research
Behavioral and neural processing of faces and expressions in nonhuman primates	\$396,000	Q2.Other	Emory University
Behavioral and neural processing of faces and expressions in nonhuman primates (supplement)	\$52,064	Q2.Other	Emory University
Neural basis of empathy and its dysfunction in autism spectrum disorders (ASD)	\$572,893	Q2.Other	Duke University
Neural systems for the extraction of socially-relevant information from faces	\$70,514	Q2.Other	Dartmouth College
CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	\$140,000	Q2.Other	Cornell University
Probing disrupted cortico-thalamic interactions in autism spectrum disorders	\$531,624	Q2.S.D	Children's Hospital Boston
Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system	\$25,570	Q2.Other	Carnegie Mellon University
Using functional physiology to uncover the fundamental principles of visual cortex	\$310,700	Q2.Other	Carnegie Mellon University
Testing neurological models of autism	\$315,526	Q2.Other	California Institute of Technology
Neural correlates of social exchange and valuation in autism	\$127,487	Q2.Other	Baylor College of Medicine

